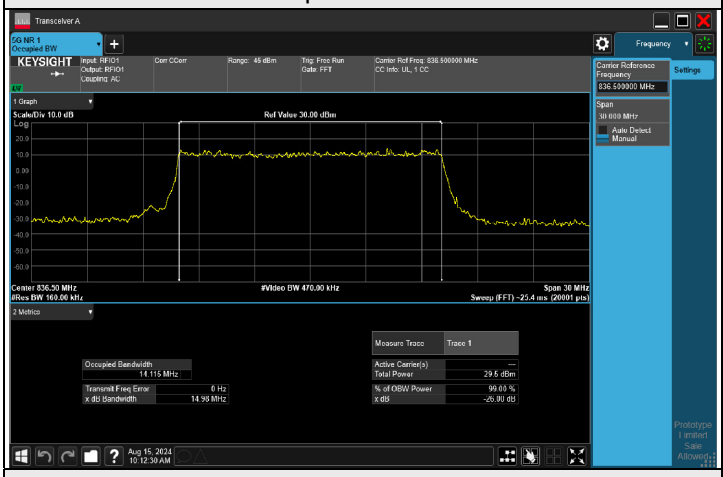
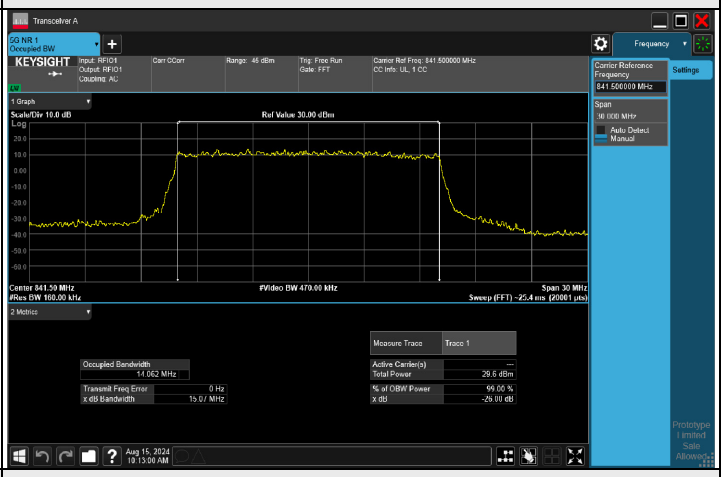
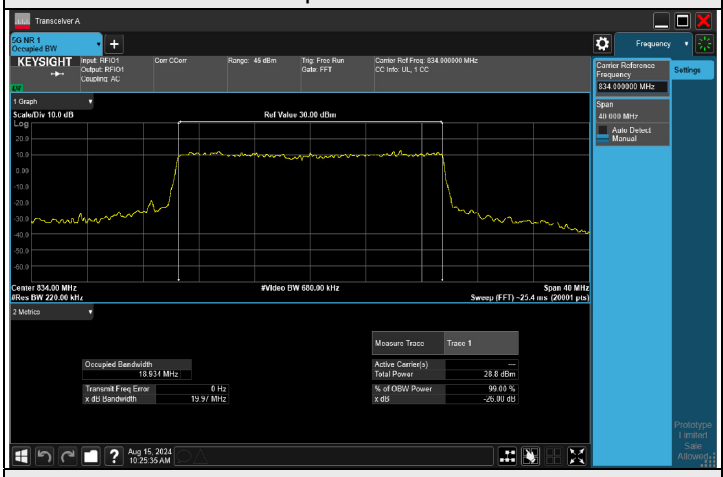
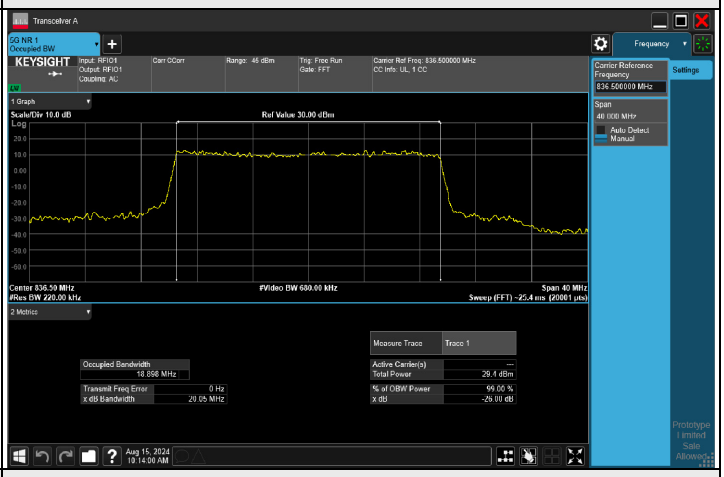
NR n5 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	166300	831.5	14.007	14.35
BPSK	167300	836.5	14.001	14.32
BPSK	168300	841.5	13.956	14.16
QPSK	166300	831.5	14.082	15.01
QPSK	167300	836.5	14.115	14.98
QPSK	168300	841.5	14.062	15.07
16QAM	166300	831.5	14.076	14.93
16QAM	167300	836.5	14.101	14.98
16QAM	168300	841.5	14.059	14.90
64QAM	166300	831.5	14.074	14.92
64QAM	167300	836.5	14.095	14.90
64QAM	168300	841.5	14.032	14.83
256QAM	166300	831.5	14.083	15.00
256QAM	167300	836.5	14.092	14.94
256QAM	168300	841.5	14.041	14.99

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
QPSK CH 167300 (836.5 MHz)	QPSK CH 168300 (841.5 MHz)

NR n5 SCS 15 kHz, Channel Bandwidth: 20 MHz

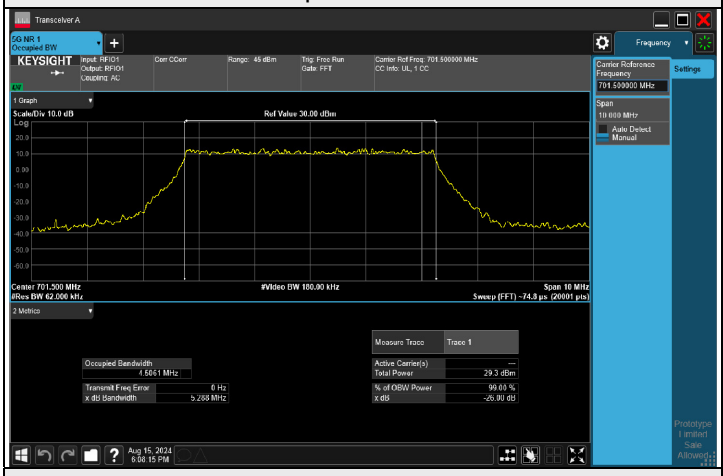
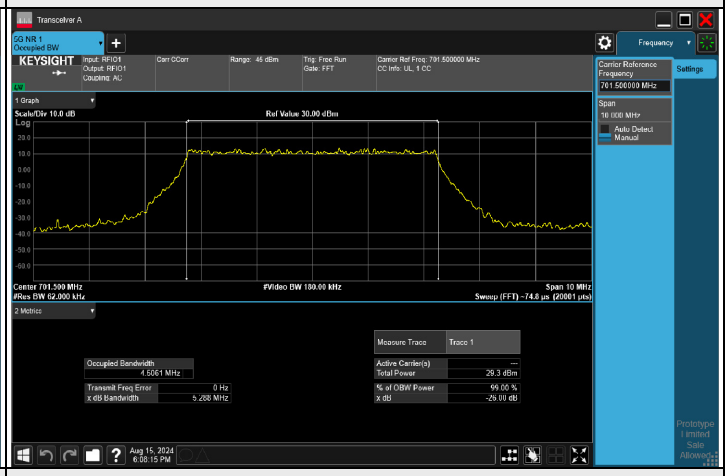
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	166800	834	18.732	18.81
BPSK	167300	836.5	18.825	18.82
BPSK	167800	839	18.788	18.75
QPSK	166800	834	18.897	19.95
QPSK	167300	836.5	18.898	20.05
QPSK	167800	839	18.873	19.84
16QAM	166800	834	18.866	19.75
16QAM	167300	836.5	18.882	20.00
16QAM	167800	839	18.832	19.79
64QAM	166800	834	18.934	19.97
64QAM	167300	836.5	18.890	19.87
64QAM	167800	839	18.873	20.02
256QAM	166800	834	18.881	19.93
256QAM	167300	836.5	18.869	19.82
256QAM	167800	839	18.842	19.85

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
64QAM CH 166800 (834 MHz)	QPSK CH 167300 (836.5 MHz)

7.4.3 NR n12 SCS 15 kHz

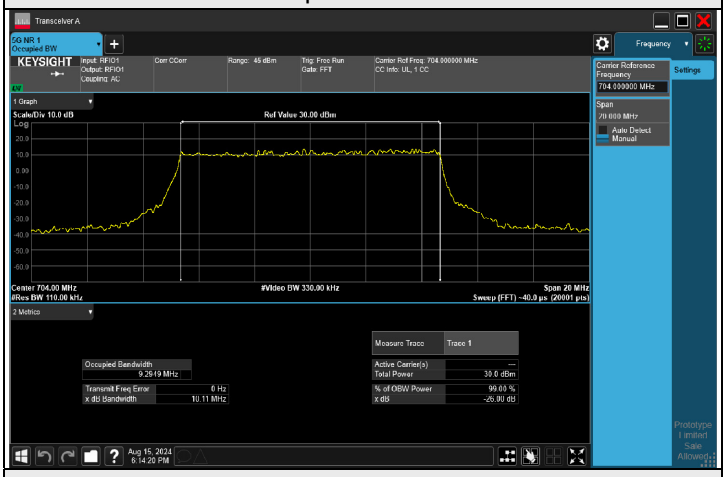
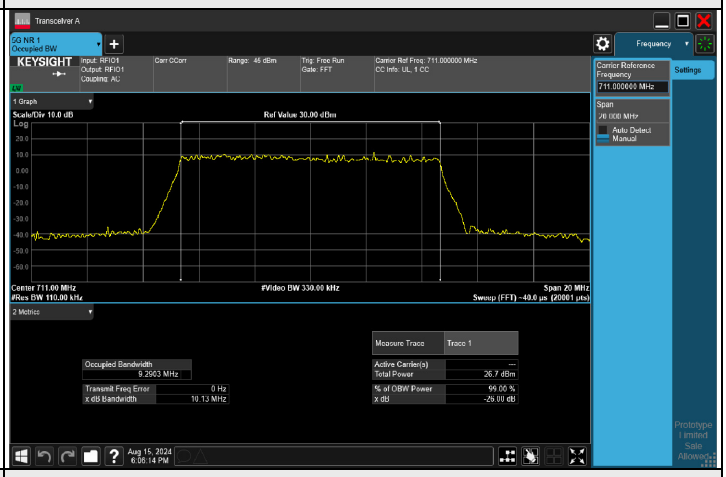
NR n12 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	140300	701.5	4.4714	5.084
BPSK	141500	707.5	4.4652	5.148
BPSK	142700	713.5	4.4830	5.143
QPSK	140300	701.5	4.5061	5.288
QPSK	141500	707.5	4.4813	5.149
QPSK	142700	713.5	4.4961	5.197
16QAM	140300	701.5	4.4681	4.957
16QAM	141500	707.5	4.4583	4.974
16QAM	142700	713.5	4.4791	5.082
64QAM	140300	701.5	4.4681	4.985
64QAM	141500	707.5	4.4564	5.019
64QAM	142700	713.5	4.4754	4.943
256QAM	140300	701.5	4.4993	5.049
256QAM	141500	707.5	4.4641	4.999
256QAM	142700	713.5	4.4791	5.140

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
QPSK CH 140300 (701.5 MHz)	QPSK CH 140300 (701.5 MHz)

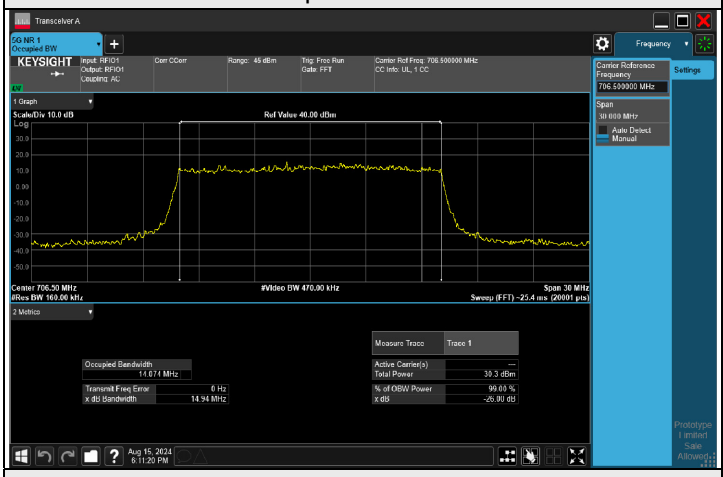
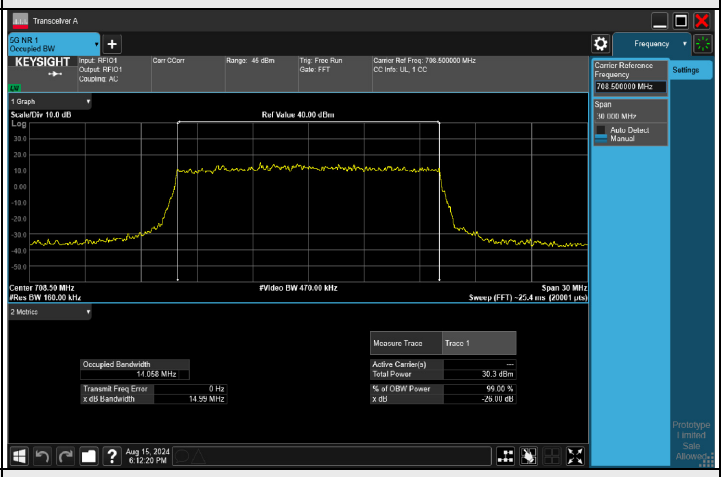
NR n12 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	140800	704	9.1563	9.586
BPSK	141500	707.5	9.0987	9.594
BPSK	142200	711	9.1986	9.584
QPSK	140800	704	9.2788	10.02
QPSK	141500	707.5	9.2244	10.06
QPSK	142200	711	9.2700	10.06
16QAM	140800	704	9.2949	10.11
16QAM	141500	707.5	9.2521	10.00
16QAM	142200	711	9.2724	9.907
64QAM	140800	704	9.2662	10.03
64QAM	141500	707.5	9.2185	9.923
64QAM	142200	711	9.2485	10.02
256QAM	140800	704	9.2848	10.05
256QAM	141500	707.5	9.2384	9.927
256QAM	142200	711	9.2903	10.13

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
16QAM CH 140800 (704 MHz)	256QAM CH 142200 (711 MHz)

NR n12 SCS 15 kHz, Channel Bandwidth: 15 MHz

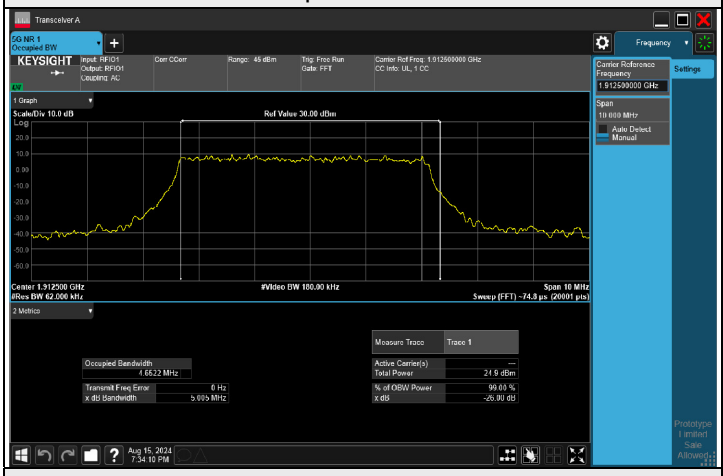
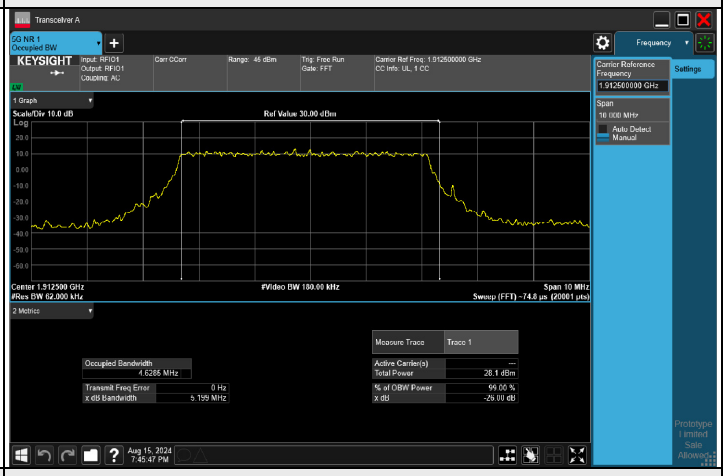
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	141300	706.5	13.947	14.23
BPSK	141500	707.5	13.927	14.22
BPSK	141700	708.5	13.903	14.29
QPSK	141300	706.5	14.074	14.94
QPSK	141500	707.5	14.061	14.97
QPSK	141700	708.5	14.058	14.99
16QAM	141300	706.5	14.034	14.85
16QAM	141500	707.5	14.043	14.98
16QAM	141700	708.5	14.038	14.94
64QAM	141300	706.5	14.005	14.91
64QAM	141500	707.5	13.999	14.99
64QAM	141700	708.5	13.999	14.81
256QAM	141300	706.5	14.041	14.88
256QAM	141500	707.5	14.023	14.91
256QAM	141700	708.5	14.029	14.95

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
QPSK CH 141300 (706.5 MHz)	QPSK CH 141700 (708.5 MHz)

7.4.4 NR n25 SCS 15 kHz

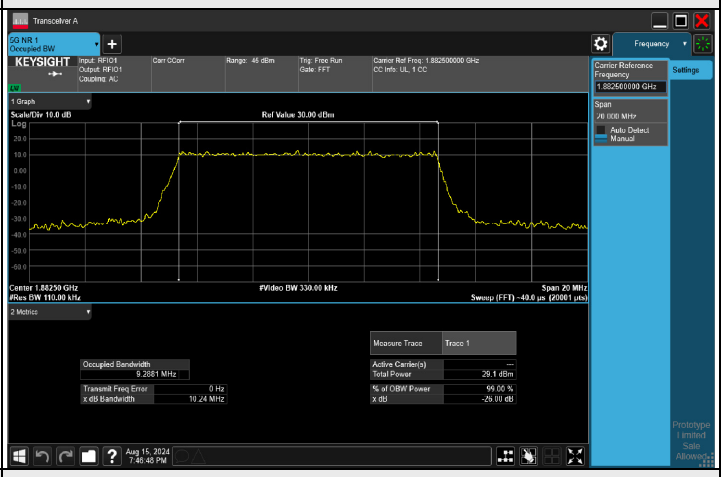
NR n25 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	370500	1852.5	4.5010	5.174
BPSK	376500	1882.5	4.4792	5.112
BPSK	382500	1912.5	4.6374	5.171
QPSK	370500	1852.5	4.4705	5.133
QPSK	376500	1882.5	4.4925	5.133
QPSK	382500	1912.5	4.6285	5.199
16QAM	370500	1852.5	4.4611	4.980
16QAM	376500	1882.5	4.4694	5.044
16QAM	382500	1912.5	4.6360	5.099
64QAM	370500	1852.5	4.4663	5.010
64QAM	376500	1882.5	4.4654	4.973
64QAM	382500	1912.5	4.6324	5.118
256QAM	370500	1852.5	4.4804	4.954
256QAM	376500	1882.5	4.4720	5.073
256QAM	382500	1912.5	4.6522	5.005

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
256QAM CH 382500 (1912.5 MHz)	QPSK CH 382500 (1912.5 MHz)

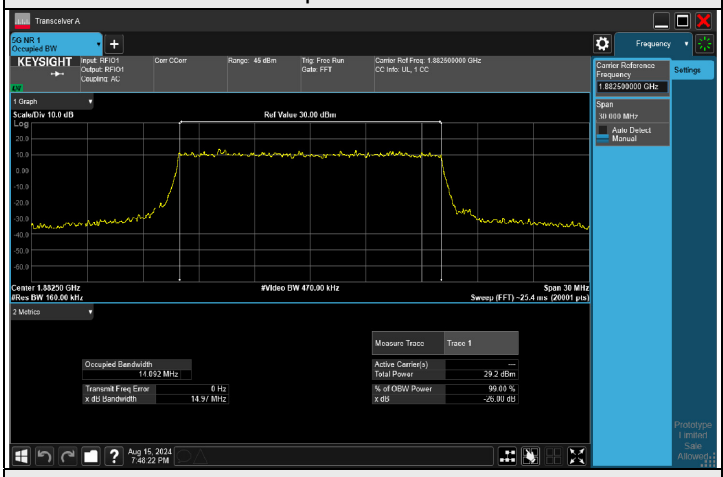
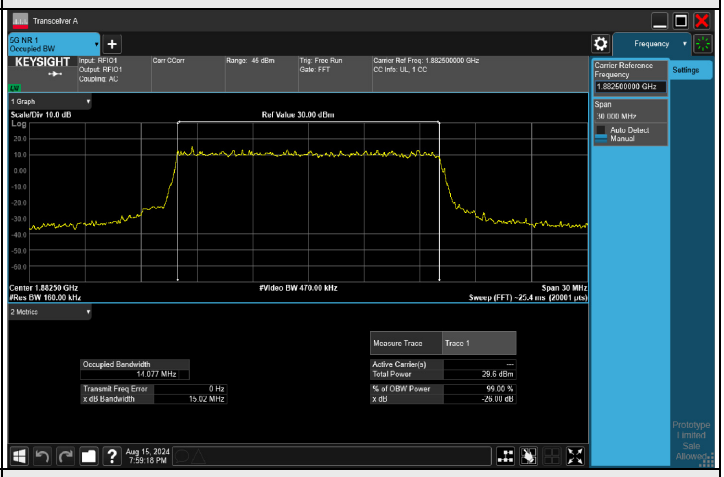
NR n25 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	371000	1855	9.1823	9.525
BPSK	376500	1882.5	9.1889	9.472
BPSK	382000	1910	9.1942	9.520
QPSK	371000	1855	9.2746	10.11
QPSK	376500	1882.5	9.2881	10.24
QPSK	382000	1910	9.2647	10.07
16QAM	371000	1855	9.2842	10.02
16QAM	376500	1882.5	9.2847	10.02
16QAM	382000	1910	9.2866	9.938
64QAM	371000	1855	9.2509	9.951
64QAM	376500	1882.5	9.2581	9.959
64QAM	382000	1910	9.2603	10.03
256QAM	371000	1855	9.2805	10.09
256QAM	376500	1882.5	9.2765	10.00
256QAM	382000	1910	9.2827	10.05

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
QPSK CH 376500 (1882.5 MHz)	QPSK CH 376500 (1882.5 MHz)

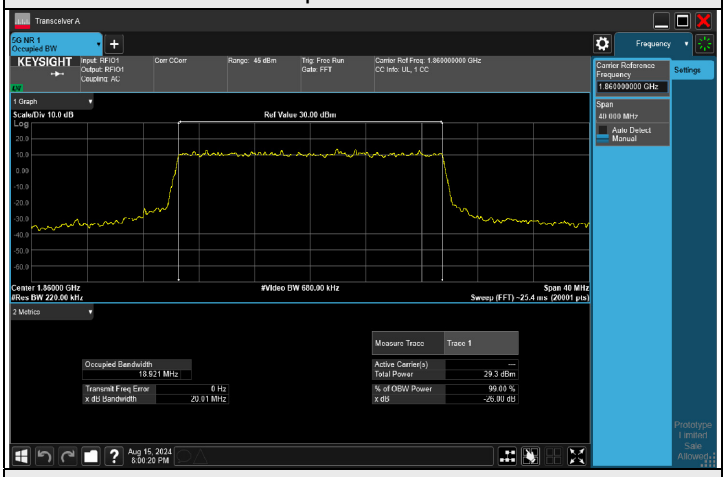
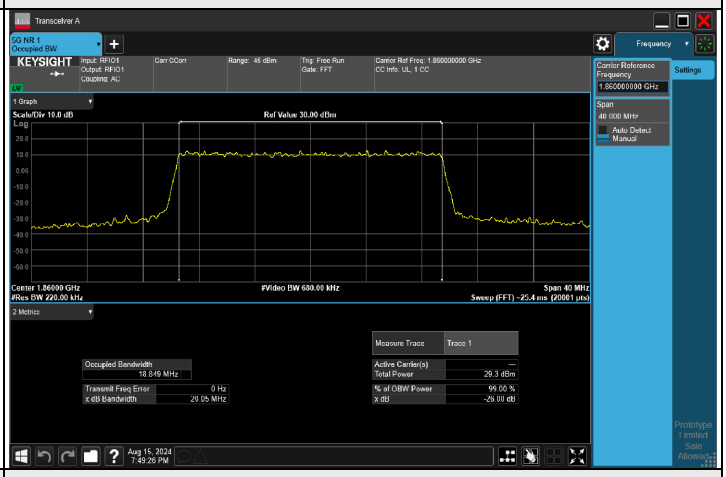
NR n25 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	371500	1857.5	14.016	14.37
BPSK	376500	1882.5	13.999	14.28
BPSK	381500	1907.5	14.058	14.44
QPSK	371500	1857.5	14.083	15.00
QPSK	376500	1882.5	14.092	14.97
QPSK	381500	1907.5	14.071	14.92
16QAM	371500	1857.5	14.080	14.99
16QAM	376500	1882.5	14.077	15.02
16QAM	381500	1907.5	14.077	14.99
64QAM	371500	1857.5	14.071	14.83
64QAM	376500	1882.5	14.053	14.99
64QAM	381500	1907.5	14.070	14.96
256QAM	371500	1857.5	14.080	15.02
256QAM	376500	1882.5	14.071	15.01
256QAM	381500	1907.5	14.071	14.93

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
QPSK CH 376500 (1882.5 MHz)	16QAM CH 376500 (1882.5 MHz)

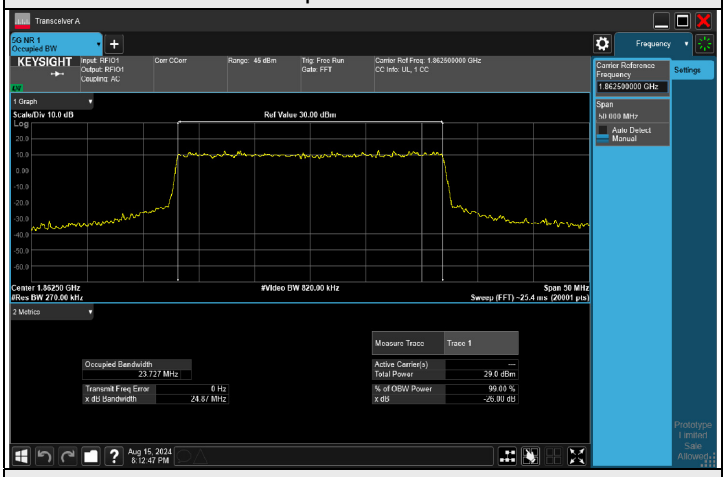
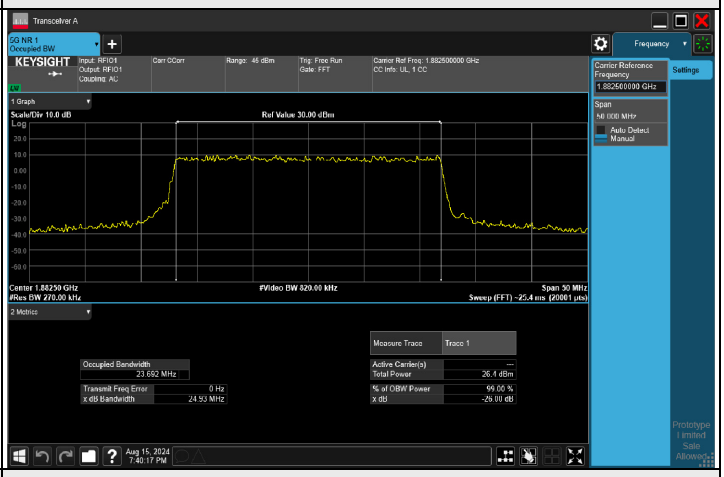
NR n25 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	372000	1860	18.733	18.80
BPSK	376500	1882.5	18.762	18.87
BPSK	381000	1905	18.762	18.73
QPSK	372000	1860	18.849	20.05
QPSK	376500	1882.5	18.836	19.89
QPSK	381000	1905	18.832	19.95
16QAM	372000	1860	18.921	20.01
16QAM	376500	1882.5	18.884	19.76
16QAM	381000	1905	18.896	19.97
64QAM	372000	1860	18.889	20.01
64QAM	376500	1882.5	18.869	19.89
64QAM	381000	1905	18.873	19.95
256QAM	372000	1860	18.876	19.79
256QAM	376500	1882.5	18.841	19.87
256QAM	381000	1905	18.853	19.77

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
16QAM CH 372000 (1860 MHz)	QPSK CH 372000 (1860 MHz)

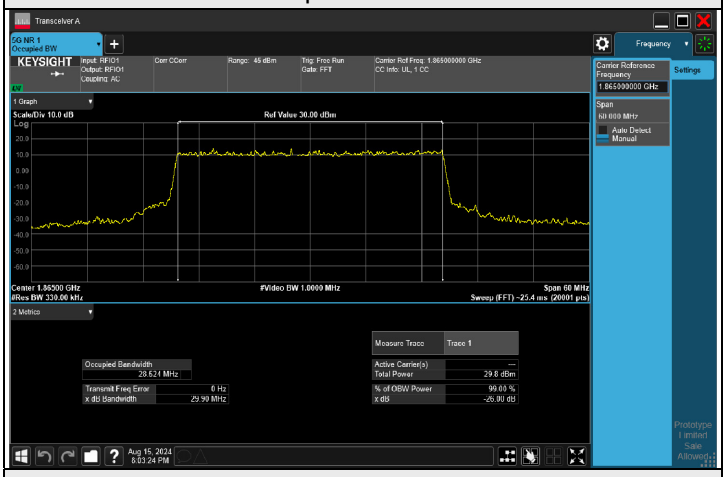
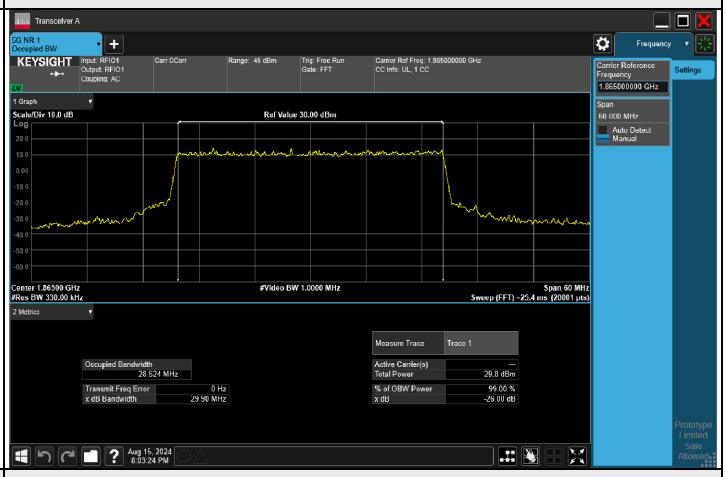
NR n25 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	372500	1862.5	23.507	24.17
BPSK	376500	1882.5	23.517	23.96
BPSK	380500	1902.5	23.525	24.03
QPSK	372500	1862.5	23.700	24.80
QPSK	376500	1882.5	23.652	24.77
QPSK	380500	1902.5	23.640	24.80
16QAM	372500	1862.5	23.721	24.81
16QAM	376500	1882.5	23.702	24.76
16QAM	380500	1902.5	23.687	24.81
64QAM	372500	1862.5	23.727	24.87
64QAM	376500	1882.5	23.697	24.88
64QAM	380500	1902.5	23.671	24.82
256QAM	372500	1862.5	23.725	24.84
256QAM	376500	1882.5	23.692	24.93
256QAM	380500	1902.5	23.691	24.65

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
64QAM CH 372500 (1862.5 MHz)	256QAM CH 376500 (1882.5 MHz)

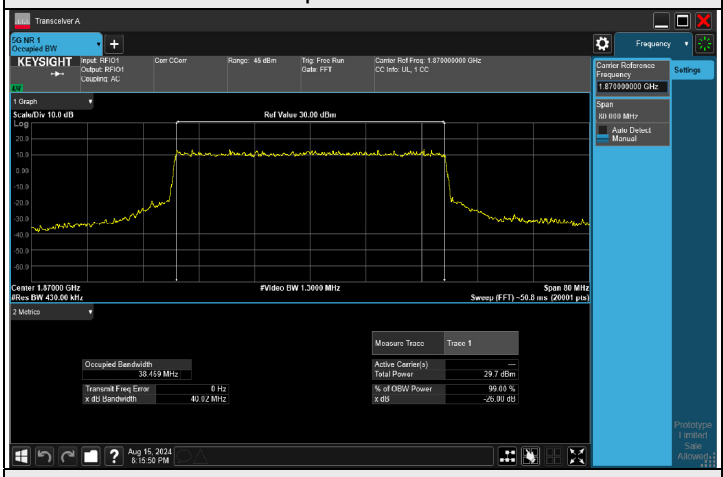
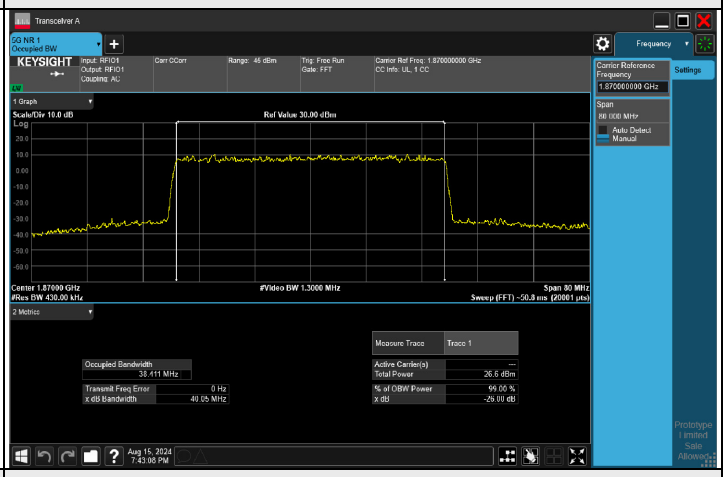
NR n25 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	373000	1865	28.453	29.83
BPSK	376500	1882.5	28.453	29.74
BPSK	380000	1900	28.431	29.83
QPSK	373000	1865	28.502	29.74
QPSK	376500	1882.5	28.458	29.63
QPSK	380000	1900	28.423	29.78
16QAM	373000	1865	28.524	29.90
16QAM	376500	1882.5	28.489	29.79
16QAM	380000	1900	28.470	29.72
64QAM	373000	1865	28.513	29.82
64QAM	376500	1882.5	28.412	29.75
64QAM	380000	1900	28.436	29.70
256QAM	373000	1865	28.518	29.80
256QAM	376500	1882.5	28.473	29.73
256QAM	380000	1900	28.443	29.72

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
16QAM CH 373000 (1865 MHz)	16QAM CH 373000 (1865 MHz)

NR n25 SCS 15 kHz, Channel Bandwidth: 40 MHz

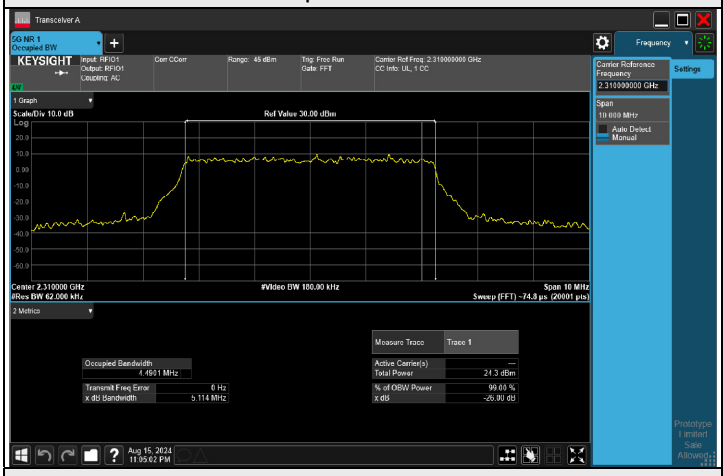
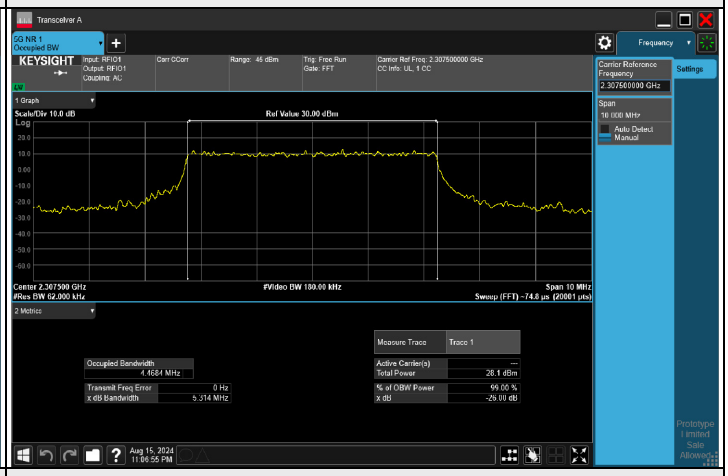
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	374000	1870	38.450	39.88
BPSK	376500	1882.5	38.425	39.99
BPSK	379000	1895	38.427	40.01
QPSK	374000	1870	38.394	40.00
QPSK	376500	1882.5	38.324	40.03
QPSK	379000	1895	38.340	39.96
16QAM	374000	1870	38.435	40.00
16QAM	376500	1882.5	38.393	39.91
16QAM	379000	1895	38.428	39.97
64QAM	374000	1870	38.459	40.02
64QAM	376500	1882.5	38.371	39.87
64QAM	379000	1895	38.403	39.98
256QAM	374000	1870	38.411	40.05
256QAM	376500	1882.5	38.378	39.91
256QAM	379000	1895	38.370	39.91

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
64QAM CH 374000 (1870 MHz)	256QAM CH 374000 (1870 MHz)

7.4.5 NR n30 SCS 15 kHz

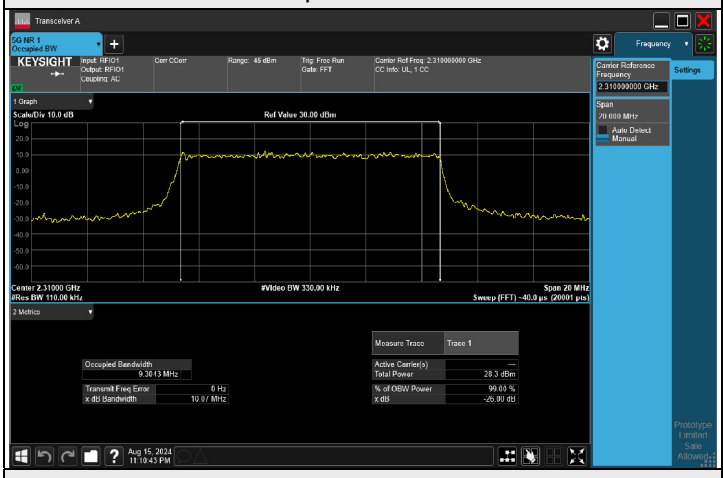
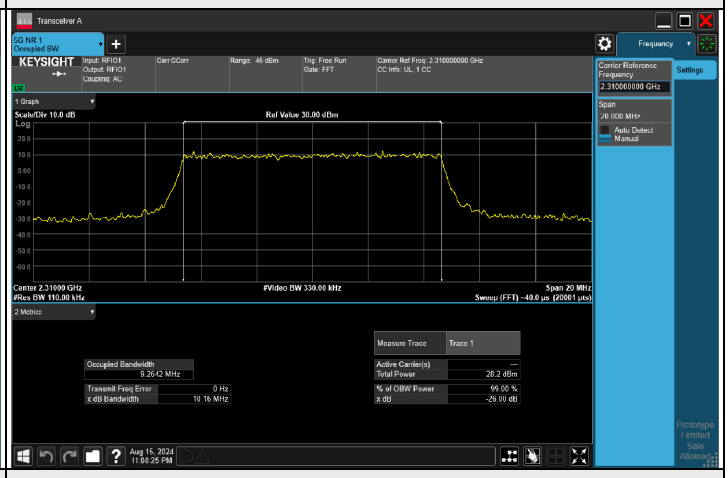
NR n30 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	461500	2307.5	4.4752	5.145
BPSK	462000	2310	4.4751	5.127
BPSK	462500	2312.5	4.4851	5.093
QPSK	461500	2307.5	4.4684	5.314
QPSK	462000	2310	4.4894	5.044
QPSK	462500	2312.5	4.4693	5.223
16QAM	461500	2307.5	4.4604	5.156
16QAM	462000	2310	4.4672	5.085
16QAM	462500	2312.5	4.4650	5.172
64QAM	461500	2307.5	4.4625	4.990
64QAM	462000	2310	4.4553	5.052
64QAM	462500	2312.5	4.4622	4.972
256QAM	461500	2307.5	4.4823	4.953
256QAM	462000	2310	4.4901	5.114
256QAM	462500	2312.5	4.4642	5.011

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
256QAM CH 462000 (2310 MHz)	QPSK CH 461500 (2307.5 MHz)

NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	462000	2310	9.1563	9.545
QPSK	462000	2310	9.2642	10.16
16QAM	462000	2310	9.3043	10.07
64QAM	462000	2310	9.2503	9.940
256QAM	462000	2310	9.2726	10.16

Spectrum Plot of Worst Value	
Occupied bandwidth	26 dB Bandwidth
	
16QAM CH 462000 (2310 MHz)	QPSK CH 462000 (2310 MHz)